

## CD Director Clemmensen, Dr. Wigner Are Speakers For Health Physicists Tomorrow

Civil Defense leaders will be guest speakers at the East Tennessee Chapter of the Health Physics Society this week. The meeting is set tomorrow, Thursday, May 20, at 7:30 p.m., in the Emergency Operating Center of the Oak Ridge Defense Operations. The CD Operations center is in the basement of the Oak Ridge Municipal Building.

Paul Clemmensen and Dr. Eugene P. Wigner will acquaint members with the latest developments in civil defense.

Clemmensen, a native of Copenhagen, Denmark, came to the United States in 1926 and became an ordained minister in the Christian Church. He joined the U. S. Army in 1942, not as a chaplain, however, and attained the rank of Major before his retirement in 1962. After Army retirement he became Director of Civil Defense for Oak Ridge.

Dr. Wigner, a native of Budapest, Hungary, holds a Nobel

Prize for Physics. The famed physicist became a professor of mathematic physics at Princeton in 1938, shortly after coming to this country. His offices, memberships, honors and awards are too numerous to enumerate, but a few highlights include: work on the Manhattan Project at the University of Chicago; Director of Research and Development at Clinton Laboratories, U. S. Medal for Merit, Enrico Fermi Prize, Past President and vice president of the American Physical Society, as well as the Nobel Prize. He is presently on sabbatical leave from Princeton and is at ORNL as director of a Civil Defense Study sponsored jointly by the Department of the Army and the Atomic Energy Commission.

Any guest or member is invited to attend this highly interesting and informative program. That's tomorrow night, at 7:30 in the basement of the Oak Ridge City Hall.

## Mechanical Engineers Plan Annual Meet Saturday, To Tour Bull Run Steam Plant

The Oak Ridge Subsection of the American Society of Mechanical Engineers is making a day of it Saturday. They plan their Annual Spring Meeting for Saturday, May 22.

The ASME group will be among the first to inspect the most modern steam plant in the world... at the Tennessee Valley Authority Bull Run Steam Plant, across the river. The plant houses the largest generating unit in the world capable of 900,000 kws of electricity. It will consume 316 tons of coal per hour. The 800-foot chimney holds the 'world's tallest' title.

As an additional feature Helmut Thielsch, manager, Industrial Piping Laboratory, Grinnell Company, will speak on "Why Pipe and Pressure Vessel Materials Fail in Service."

The entire family will be welcomed at the Holiday Inn this week-end, says the ASME. There will be a fashion show just for the ladies while the engineers tour the Bull Run plant.

Banquet speaker will be Dr. Vincent Parker, deputy director, Oak Ridge Institute of Nuclear Studies, who will discuss the trials of bringing a small, private, liberal-arts college into existence.

Following the banquet will be a Saturday night dance at the Holiday Inn. The program begins officially at noon for members and guests (the executive com-

mittee meeting commences at 9:30 a.m.) at the Inn. Thielsch's talk is set for 1 p.m. and the TVA tour is at 2:30.

The social hour is at 7 p.m. in the Ridge Room, and the banquet is set at 8.

Additional information on the Annual Meeting of ASME can be obtained from C. H. Abner, extension 3-6686.

## Surplus Property Listed For Sale

Used government-owned vehicles and office equipment are offered in the current Property Sales 'spot bid' sale.

The following are now available for inspection: Chevrolet, Ford, Reo and International trucks; Plymouth, Chevrolet and Lark sedans; Dodge Carryalls; Chevrolet and Plymouth station wagons; manual and electric typewriters; Multigraph machine; varityper; adding machine; Thermo-Fax copying machine; Gray audograph transcriber and other miscellaneous lots.

The equipment may be seen at Warehouse 9929-1, off Bear Creek Road, just west of the plant, from 8 a.m. until 4 p.m. through 10 a.m. Wednesday, June 2... at which time the sealed bids will be opened.

It is expected that successful bidders will pay for and remove their purchases after 2 p.m. on June 2.

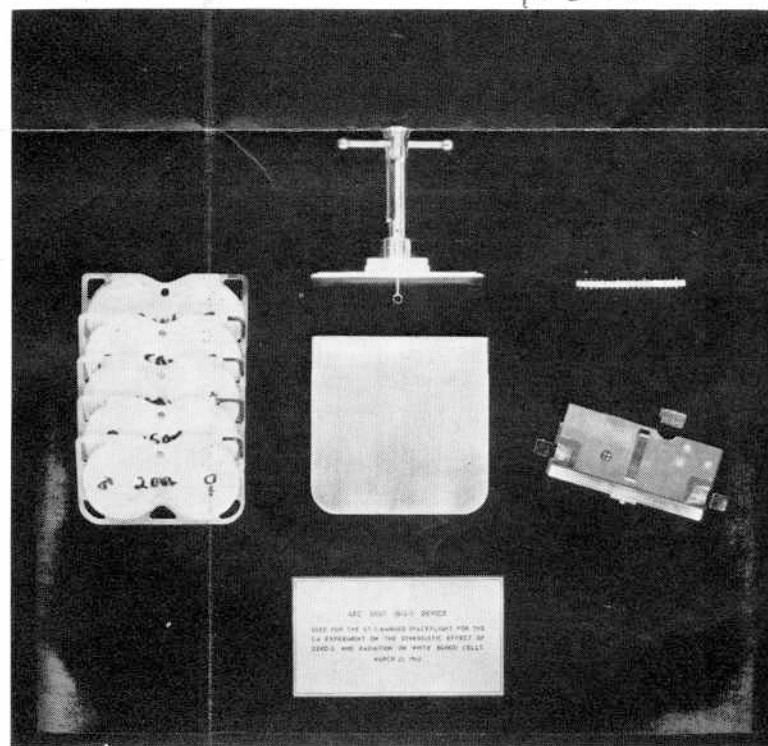
Additional information may be obtained by contacting the Sales Office, extension 3-4601.

## Somebody Always Blame Somebody Else !!!!

Americans characterize something unintelligible by saying "That's Greek to me." The Russians and Rumanians blame it on the Chinese. The French give it the Hebrew. The Germans say "That's Spanish to me," and the Poles say "I'm listening to a Turkish sermon."



ACCEPTING THE BIG-I DEVICE for Y-12 is Superintendent Roger F. Hibbs, left. Dr. M. A. Bender, ORNL Biology Division, who directed the project, gave the plant the Gemini blood sample unit that orbited the earth with Gus Grissom and John Young on March 23.



THE SHADOW BOX CONTAINS the inner portion of the Big-I, the Gemini blood device which was designed and manufactured in Y-12. The experiment tested the effects of weightlessness and radiation on human blood cells in space.

## Space Mementos Presented Y-12 From Gemini-3

The word from Cape Kennedy, of course, was "GO" back in March when Gus Grissom and John Young were carried into a three-orbit space journey by the Gemini spacecraft. And the word of the Y-12-designed blood sample unit that accompanied them is that all systems functioned properly. While the biological data is still being compiled, the mechanical success of the Gemini device has been fully accredited.

Dr. M. A. Bender, ORNL's Biology Division, was project director and Carolyn Gooch was his assistant.

Bender recently reported the mechanical success of the unit, and presented Plant Superintendent Roger F. Hibbs with several mementos of the experiment, including the operating unit used in the actual launch.

The Gemini blood unit weighed less than one pound with blood samples and radioactive sources included. Its outer dimensions were four inches by three and one-half inches.

### Actuated In Space

Five samples of blood from two donors were irradiated at five different dose levels, ranging from 0 to 200 rad. The astronauts actuated the unit after the spacecraft was in orbit, and a state of weightlessness had been reached.

During manufacture the device was subjected to a series of tests, including decompression, leak check on container welds and vacuum seals, acceleration, vibration, impact and temperature-pressure. Immediately before launch several of these tests were repeated.

### Vital Roles Performed

In addition to the Y-12ers named in the pre-flight story, the following played vital roles in developing the unit: Fred Childress, Plastics Development, who perfected the method of making source plates and produced large quantities (around 200) of them. Ed White, Plastics Development, perfected the method of making blood holders, and also produced large quantities of them. Chester Fultz and other members of Laboratory Development who simulated space conditions for qualification testing and also helped develop source plates.

In the Electronic Shop, Chester Wright and others fabricated the instrument package.

Fred Henson, Physical and Electric Standards Laboratory, contributed greatly to the qualification testing.

Tool Fabrication, of course, machined most of the small components that went in the Gemini blood unit.

The unit was prepared for the National Aeronautics and Space Administration to determine the combined effects of radiation and zero gravity on live human blood.

### Lab To The Cape

Several of the project's leaders accompanied the trailer-type laboratory to Cape Kennedy for the historic shot. Since the blood samples remain alive only 24 hours after removal from the

Continued on Page 4

## SAFETY SCOREBOARD

The Y-12 Plant Has  
Operated  
19 Days Or  
530,000 Man-Hours  
(Unofficial Estimate)  
Without A Disabling  
Injury  
Through May 16  
Phone 3-7755  
For Daily Report  
On Accident-Free Hours

## ASM Saturday Meet Set At Deane Hill

The Oak Ridge Chapter of the American Society for Metals is all set for their dinner-dance Ladies Night special this Saturday, May 22. The social hour begins at 6:30 p.m., with a buffet dinner at 7:30... and dancing at 9.

Last minute reservations may be made through C. P. Coughlen, telephone extension 3-5231, or Knoxville telephone 588-2930. The cost is \$4 per person... and stag tickets may be obtained at the door.

## GREEN STAMPS

Sign on a church lawn recently read: "Redemption Center... No Stamps Required!"

## 'Meet The Candidates' Rally Is Set Tonight

There will be a "Meet the Candidates" meeting tonight, May 19, in Oak Ridge. Candidates running for the school board, the Robertsville District for City Council, and the city judge will be present at 8 p.m. tonight at the Alexander Motor Inn.

The rally is sponsored by the Jaycees and the League of Women Voters to acquaint the voters with who's running in the June 1 election. Doors open at 7:30 p.m., and the program will be aired over WATO.

## MODERN BENEFITS

One of the few advantages of inflation these days is that a kid can't get sick anymore on a nickel's worth of candy.



## Test Your Driving Ability Monday On TV's Safety Show

Y-12ers may participate in one of the most massive safety communications efforts in history next Monday night. An effort to improve the defensive driving skills of everyone on America's highways will be made as the telecast "National Drivers' Test" will be shown.

As part of our drive for the month of May to reduce off-the-job accidents, Y-12 now tackles the biggest killer of them all... the automobile.

The show will be shown over CBS-TV, and will be carried locally at 10 p.m. next Monday, over Channel 10.

## The Bulletin

Published Weekly For The  
Y-12 Employees Of  
UNION CARBIDE  
CORPORATION



NUCLEAR DIVISION

JAMES A. YOUNG .....Editor

Member



Appalachian  
Industrial  
Editors'  
Association

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Telephone 3-7100

## McLain Son Set For Boys' State



Mike McLain

It would be interesting to count Y-12 noses down at Boys' State next month at the Tennessee Polytechnic Institute. Another candidate comes through as a choice in Mike McLain, son of Mr. and Mrs. James McLain, Bonnyview Avenue, Kingston. Young McLain is being sponsored by the Kingston Post of the American Legion.

Mike, a junior at Roane County High School, is a member of the Math Club, the Chemistry Club, and toots a big bass horn in the RCHS band. He plans to attend TPI after graduating from high school, so Boys' State will give him a good opportunity to look the campus over. He wishes to study automotive engineering.

Another son is coming along in the McLain family, Alan.

The father of the two boys is in Y-12's Shift Superintendents' Division.

Challenge or report strangers in your work area.

Copies of the test, which will allow the viewer to score himself as a driver, have already been put in the mails to every employee in the plant.

Timed just prior to the three-day Memorial Day weekend, the program is being aired by the National Safety Council and the International Business Machines Corporation, with the advice of independent board of consultants from industry, government, and education, in an effort to make the public more aware of driving hazards and how to cope with them.

### To Test Knowledge

The test will determine a driver's judgment in two-car collision situations, their knowledge of road rules, and their ability to perceive driving hazards. Specially prepared film sequences will illustrate each driving situation. These will be shown in both slow-motion and at normal speed to allow viewers to share the experience of a collision or near-collision.

Viewers may be able to test their answers and scores against those of a cross-section of American drivers selected from across the country who will begin taking the same test minutes before the broadcast begins. The test answers of these 2,000 drivers, categorized by sex, age, geography and driving experience, will be transmitted instantaneously from CBS facilities throughout the country to the headquarters of IBM in New York City.

### Compare Your Driving

There the answer will be fed into a computer and tabulated. The home viewers will receive the correct answers immediately following each question and also, for comparative purposes, the results of the cross-sectional response.

If you lose your test form, a copy of it is reproduced alongside.

The entire facilities and resources of the National Safety Council have been made available to CBS News in the production and development of the Drivers' Test.



Late May finds more Y-12ers moving into select groups of Union Carbide Corporation veterans. Congratulations.

### 20 YEARS

Katherine O. Steed, Superintendent's Division, May 22.

Clebert C. Roberts, Security Department, May 23.

### 15 YEARS

Edgar Reagan, Dispatching Department, May 21.

Robert C. McGuffin, Research Services, May 23.

## Arts Calendar

May 21—ART EXHIBIT: "Realism and Reality." Traveling show of 33 artists and their paintings. Art Center, Badger Avenue, 8 to 10 p.m.

May 22—OAK RIDGE PLAYHOUSE: Annual membership meeting and discotheque party, Alexander Hotel, 8:30 p.m.

May 23—ART EXHIBIT: "Realism and Reality." 3 to 6 p.m.

May 25, 26—ART EXHIBIT: "Realism and Reality." 2 to 4 p.m.



NO POSED PICTURE IS THIS ONE . . . it's for real! Losing control at high speed the driver careened off a curve went into a skid, and hit a tree. He was seriously injured . . . sitting on his seat belt. The headlines are not made up either, they are evident in almost every paper you pick up.

Test.

Prior to the telecast the biographical and driving histories of the 2,000 drivers constituting the sample will be taken and analyzed. Immediately after the show this pre-selected group of drivers again will be subjected to a special series of tests covering their psychological, sociological and driving characteristics. The results of these tests will be correlated with their responses to the National Drivers' Test and the data will be made available

by the Council to any persons interested in traffic safety.

### Drivers' Education

The telecast will coincide with the six-month anniversary of the first announcement of the NSC's Driver's Improvement Program. This program brings to the average licensed driver the techniques that professional drivers in fleets belonging to the National Safety Council use to protect themselves against the mistakes of other drivers and to avoid collision courses while they still have time

to take evasive action. The drivers in these fleets have an average accident rate approximately half that of all drivers.

Year by year the toll grows on the nation's highway. It is high time the population did something about the frightening statistics. Driver education is one answer.

Give yourself the test Monday, May 22, at 10 p.m. over Channel 10. See what kind of driver you are . . . and how you compare with others your age. It may surprise you!

# THE NATIONAL DRIVERS TEST

## OFFICIAL TEST FORM

### A. JUDGMENT

Defensive  
Driving  
Techniques

circle correct  
letter

1. a. b. c. d. . . . ☐ SCORE
2. a. b. c. d. . . . ☐
3. a. b. c. d. . . . ☐

### B. KNOWLEDGE

Rules of the Road:

circle T [true]  
or F [false]

- |   | SCORE |  | SCORE |  | SCORE |
|---|-------|--|-------|--|-------|
| 1. T. F. . . . <input type="checkbox"/> |       | 6. T. F. . . . <input type="checkbox"/>  |       | 11. T. F. . . . <input type="checkbox"/> |       |
| 2. T. F. . . . <input type="checkbox"/> |       | 7. T. F. . . . <input type="checkbox"/>  |       | 12. T. F. . . . <input type="checkbox"/> |       |
| 3. T. F. . . . <input type="checkbox"/> |       | 8. T. F. . . . <input type="checkbox"/>  |       | 13. T. F. . . . <input type="checkbox"/> |       |
| 4. T. F. . . . <input type="checkbox"/> |       | 9. T. F. . . . <input type="checkbox"/>  |       | 14. T. F. . . . <input type="checkbox"/> |       |
| 5. T. F. . . . <input type="checkbox"/> |       | 10. T. F. . . . <input type="checkbox"/> |       | 15. T. F. . . . <input type="checkbox"/> |       |

### C. PERCEPTION

Hazards Alertness

1. List the number of driving hazards you have seen

NUMBER ( ) SCORE ☐

### D. SPECIAL

circle correct  
letter

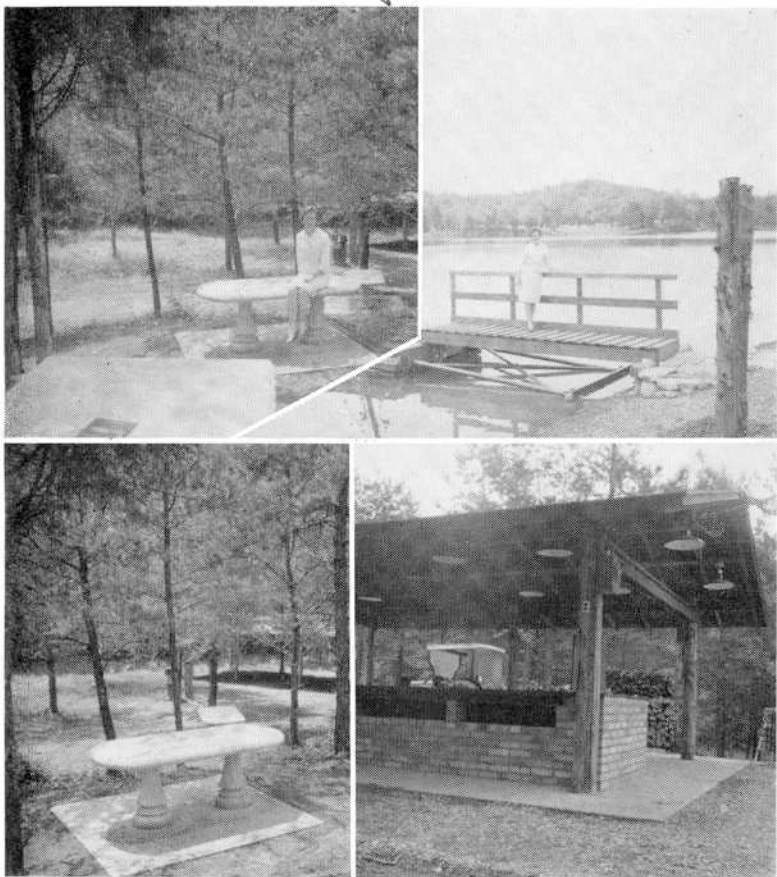
1. a. b. c. d. . . . ☐ SCORE
2. a. b. c. d. . . . ☐

TOTAL  
SCORE

This test form is printed for your convenience in marking your answers, totaling your score and comparing it with those of your family and your friends.

"The National Drivers Test" is produced by CBS News in cooperation with the National Safety Council and sponsored by Shell Oil Company.





SCENES FROM UNION CARBIDE'S Recreation Area are seen above . . . as picnic tables, boat-launching ramps, etc., go up in the beautiful wooded glade off Bethel Valley Road. Melton Hill Lake brushes the shores as the tall pines give an air of remoteness and peace to the valley. That's Peggy May, Personnel, in the top photos. Peggy high recommends the area for a family outing.

## Limited Facilities Available At Carbide Recreation Area

The Union Carbide Recreation Area opened to employees and their families May 1. Boat launching facilities and picnic areas are now ready for use on a limited basis.

Restrooms, camping facilities and water are not presently available, but will be soon.

To reach the Recreation Area, turn off Bethel Valley Road at the University of Tennessee-Atomic Energy Commission Farm Headquarters (old Scarborough School). Proceed approximately two miles bearing right at all times (there are signs directing the way.)

The area is restricted to employees and their immediate families. Employees accompanying their families should have their badge available. Posted speed limits on access roads must be observed.

There is a three miles per hour speed limit in the harbor area . . . and boaters are required to observe this limit.

To allow the new grass to grow, it is requested that anglers do not fish from the banks at the present time. There are ramps and docks available for this type of bank-fishing.

Large picnic groups (10 or more) need advance reservations for space at the areas. Telephone 3-6723 prior to 4 p.m. on the day desired, or 4 p.m. Fridays for week-end reservations. Wood is available on the spot for the grills and cooking-out facilities.

The area, approximately 200 acres, overlooks Melton Hill Lake in an ideal sylvan setting.

Games and equipment for group activities are available through the Recreation Department, telephone extension 3-7109. As soon as camping facilities are ready, camping permits will be issued through the ORNL Recreation Department, 3-6723.

Playground equipment suitable for children will be installed in the park shortly.

A gentle reminder is left for

all using the park. Make sure the fire is out before you leave . . . and leave the litter in the receptacles provided there. In other words, leave the area just as you found it. Thus, the employee coming in after your party will find the area just as pretty and clean as it was when you arrived.

The park has been provided for all our enjoyment. And a prettier site could not have been found!

## Playhouse Plans Party Saturday

The Oak Ridge Playhouse is holding its annual membership meeting Saturday, May 22. Activities get underway at the Alexander Motor Hotel at 8:30 p.m. Following a brief business meeting under the leadership of Playhouse President Ira Rubin, the ballroom will become a discotheque and dancing will be the order of the day. Refreshments will be available.

Milt Carey and Phil Breman are in charge of the meeting. All Playhouse members are urged to attend. Newly elected board members will be introduced and members will be given the opportunity to state opinions and offer suggestions for future consideration. No advance reservations for the meeting or party are required.

## Last Call Goes Out For Miniature Golfers

Friday, May 21, is the deadline for entering the Miniature Golf league set for the summer for Y-12 twosomes.

Have you entered the teeny golf league yet? Just call Recreation, extension 3-7109 and give them the name of you and your partner. Play is scheduled to begin shortly.

## Slo-Pitchers All Get In One Game

### Bat Boys, Braves Each Win A Single

Y-12's Bat Boys broke the ice in Softball play last week by breaking the backs of the Instrumentation and Controls team, 9 to 6. Although the BB's had only 13 hits to 15 for the I&C crowd, nine men were able to cross the plate, for the winners. I&C scored seven of the 15 hits in the first inning.

Biology licked the K-25 Instruments 34 to 6 in game number two of Monday. Y-12's Atoms forfeited a game to the Plant & Equipment team.

In a close one Wednesday the Teds from Y-12 dropped game number one to the Permits, 15 to 11 . . . in eight innings. The hits were about evenly distributed, with the Teds taking 15 and the Permits 16.

Another Y-12 team bit the dust Wednesday as the Isotopes Reactors took the Nucons 15 to 8. Jim Hnath, Willie Henson, Bill Maddux, Jim Milligan and Don Huffman, led the Y-12 team in hitting.

The ORNL Mets downed the Stems 14 to 8 in Wednesday's final game.

(Tuesday's games were rained out, and played on Wednesday.)

Y-12's Braves opened the final night of play last week by trimming the Apprentices 10 to 2. Charlie Holland had four for four . . . Dan Greaser took three hits. Holland had three singles and a homer . . . Greaser two doubles and a triple.

The K-25 Mets met and conquered Y-12 Eagles 15 to 5. Paul Evans led the losing team, getting three from three times at bat . . . one a home-run.

The final game of the week saw the Ball Hawks defeat the Bums 38 to 22 in a free-wheeling, free-hitting game.

League standings follow:

Team	W	L
Bat Boys, Y-12	1	0
Biology	1	0
Plant & Equipment	1	0
Braves, Y-12	1	0
Mets, K-25	1	0
Ball Hawks	1	0
Mets, ORNL	1	0
Isotopes Reactor	1	0
Permits	1	0
Instrumentation & Controls	0	1
K-25 Instruments	0	1
Atoms, Y-12	0	1
Apprentices	0	1
Eagles, Y-12	0	1
Bums	0	1
Stems	0	1
Nucons, Y-12	0	1
Teds, Y-12	0	1

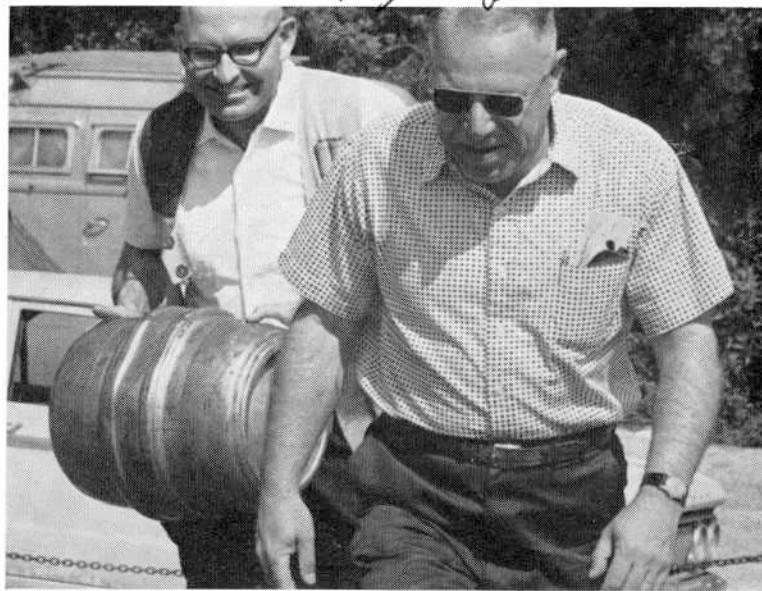
## Horseshoe Tossers Wanted For Summer

Carbiders wishing to enter the Horseshoe Pitching duel between the three plants are again paged.

The pitching, as usual, will be in pairs . . . so get your partner and come on out for this classic, early American sport. Call Recreation, extension 3-7109 and get your name in the pot.

## Grim Daughter Is Scholarship Winner

Further honors have come to Mary Anne Grim, daughter of Facilities Engineering's Mark S. Grim. Last week Mary was given the first award for scholarship in Anderson County Schools by the Oak Ridge Chapter of BPOE (Elks). Mary was recently named co-valedictorian of the graduating class at Norris High School. The award was in the amount of \$50 and was presented at a banquet at the Elks' Lodge for the award winners and their parents.



F. S. PATTON AND J. M. CASE are seen at a recent special Skeet Shoot held in Oak Ridge. Patton was runner-up in the 12 Gauge D Class . . . and Case took first place (total event) with a .410 and was first in his class in 20 gauge firing also. The steel keg has nothing to do with skeeting . . . it was for the firers to sit on when not shooting. Y-12er Charles Asmanes also won first place in 12 gauge firing in E Class.

## Hi-Power Rifleers See Fancy Shooting

### Spurling Ties With Reimann

The All-Carbide High Powered Rifle League fired its second match of the season Saturday, May 8. The top score this time was a split between R. J. Spurling, Y-12; and G. A. Reimann, ORNL, each with a 243 of a possible 250.

In the difficult standing position Spurling and Reimann again tied with a perfect score of 50. Spurling kept his winning ways by again firing a clean score in the sitting rapid fire match.

Reimann came back in the 300-yard prone rapid firing to win with a 49 of 50.

C. G. Brewster, Y-12, took the 600-yard long range stage with a 100-7v total. Bert Searles was the handicap leader for Y-12 with a 29.528.

Other scores for Y-12ers were: B. Searles . . . 231-12v 291.528 J. Huff . . . 230-11v 285.472 C. Brewster . . . 236-24v — R. Spurling . . . 243-14v —

The remainder of the schedule includes firings on May 29, June 12, July 25, August 2, 28 and September 11. Alternate dates may be scheduled for any that might be rained out.

## Small Rifle League Sees Season End

Art Hensley fired high in the 22 Calibre Rifle League firings in the 10th and final match recently. His handicap score was 288.187. His match score of 282 was third. Bert Searles' 286.600 was second high handicap total, and he was followed by Jack Huff, who fired a 286.781. Bob Powers took a 286 scratch total for second high in that scoring.

Team scoring saw Y-12 (scratch) fire a 1409 to X-10's 1443. Handicap firing was Y-12: 1434.343; X-10: 1451.249.

Team	Points
X-10	47
Y-12	30
Independents	19



Will join car pool from Beaver Creek Drive, Powell, to North Portal, straight day. O. M. Thomas, plant phone 3-5739, home phone Powell 947-7162.

Ride wanted or will join car pool from Midtown to Central Portal, straight day. B. T. Shum-pert, plant phone 3-5736.



NORRIS LAKE BASIN is often called the home of the wall-eyed pike and the white-tailed deer. Proof of half of that adage is seen in the above catch C. B. Stooksbury recently hauled in. Stooksbury, Arc Melting, isn't telling the weight of this big pike . . . it's entered in the Annual Fishing Rodeo.



**UNION CARBIDE CORPORATION**  
**NUCLEAR DIVISION**

 Post Office Box Y  
 Oak Ridge, Tennessee—37831

RETURN POSTAGE GUARANTEED


 BULK RATE  
 U. S. Postage  
**PAID**  
 Oak Ridge, Tenn.  
 Permit No. 71


**FLANKED BY HIS PARENTS**, Johnny L. Ailey graduates from the Great Lakes Boot Camp with honors. His father, J. L. Ailey, is in Y-12's Chemical Services Department. The parents went up for the big "degree-taking" as their son was voted Honorman by his company.

## Ailey Son Takes Honors At Great Lakes

Mr. and Mrs. J. L. Ailey recently attended their son's graduation from Boot Camp at the U.S. Naval Training Center, Great Lakes, Illinois.

There son Johnny Leon Ailey received a commendation for **HONORMAN** of his company.

A citation read:

"By virtue of your demonstrated attention to duty, military conduct, responsiveness to orders, cooperation, loyalty and comradeship, you were selected by your shipmates as **HONORMAN** of your company, Company 27.

"The Commanding Officer takes great pleasure in commending you for your fine performance of duty which has won the admiration and respect of your shipmates, and extends to you a **'WELL DONE.'**

"A copy of this commendation will be placed in your service record."

Young Ailey's father is in Y-12's Chemical Services. The Aileys live at Route 1, Lenoir City.

## MIT's Lidsky Conducts Thermonuclear Seminar

The Thermonuclear Division announces that Dr. Lawrence M. Lidsky, Massachusetts Institute of Technology, will present a seminar, "Nonadiabatic Injection Schemes" on Thursday, May 20 at 9:00 a.m.

The seminar will be held in the Thermonuclear Division's Conference Room, Building 9201-2.



**'WELL DONE, SAILOR,'** says Captain Ira M. King in presenting J. L. Ailey a certificate which selected him as Honorman from Company 27 at the U. S. Naval Training Center, Great Lakes, Illinois.

## Hurst To Conduct Physics Seminar

Sam Hurst, Oak Ridge National Laboratory Health Physics Division, will conduct this week's Physics Division seminar. His subject will be "Swarm and Beam Studies of Electron Capture."

The seminar is set for Friday, May 21, at 3:15 p.m., in the Central Auditorium of ORNL's 4500 building.

## A SCRIBE'S JOY

"Next to doing things that deserve to be written, nothing gets a man more credit, or gives him more pleasure, than to write things that deserve to be read" . . . Chesterfield.

Security is always in season.

## Mabel Tyer Serving As NSA President

### Mary Cusman Named Recording Secretary

Two well-known Y-12ers were installed recently as officers in the Oak Ridge Chapter of National Secretaries Association (International.) The installation took place last week at the Holiday Inn. New president is Mabel Tyer, secretary to H. G. P. Snyder, Industrial Relations Superintendent. Mary Cusman, secretary to Y-12 Plant Superintendent Roger F. Hibbs, will serve as recording secretary. Other officers include Natalie Tarr, vice president; Wilma Housewright, corresponding secretary; and Jean Brownfield and Helen Thomas, board members.

Two Y-12 secretaries were formally initiated as new members of the chapter. They were Katie Blankenship and Hazel Lane.

The traditional candlelight ceremonies were conducted by Rebecca Rickman, president of the Tennessee Division of NSA. She was assisted by Anne Boring, retiring president of the local chapter.

The newly elected president has been in Y-12's Industrial Relations for the past three years . . . and has been in other departments in the plant before that time. She has been an active participant in many of the educational programs sponsored by the local NSA, notably the annual "Seminar for Career Secretaries," the FSA (Future Secretaries Association) workshops, and the NSA scholarship committees. For the past two years, Mabel has served as vice president in the local NSA.

NSA is dedicated to raising the status of the professional secretary, and in 1949 established the Institute for Certifying Secretaries. The institute tests secretaries for the coveted title of Certified Professional Secretary.

In addition to the national aims of the NSA, the local chapter has as one of its projects the awarding of a scholarship each year to a deserving student.

## DEDUCTIBLE

If a dentist has recommended that you fluoridate your drinking water at home, the cost may be listed as a medical expense on income-tax returns.

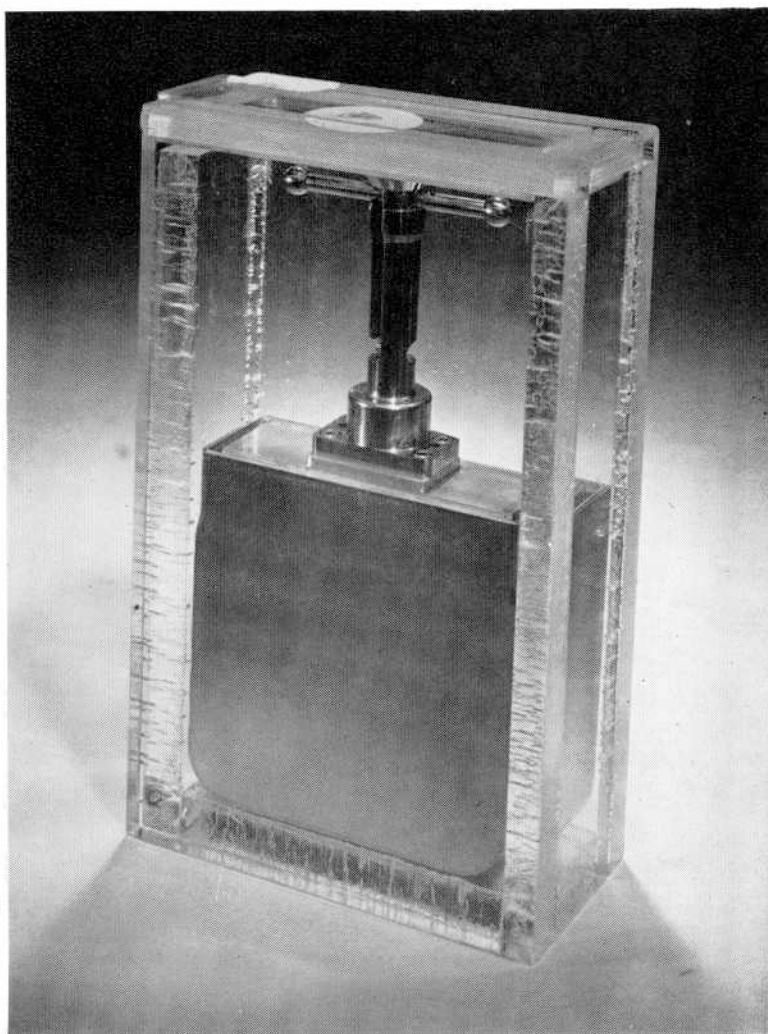
## Bronze Star Goes To J. L. Smith Son

The James L. Smith family, 231 West Vanderbilt Drive, was recently notified that their son had been awarded the Bronze Star Medal. Captain James L. Smith Jr., now serving at Fort Lee, Virginia, earned the citation for service in Vietnam from April 1963 until March 1964. The commendation cited his initiative, zeal, sound judgment, devotion to duty and his ability to solve quickly the many problems inherent to a counter-insurgency operation in the Republic of Vietnam.

Capt. Smith is now a senior unit advisor and subsector commander of the Richmond Subsector Command, Virginia Sector, XXI US Army Corps.

The Bronze Star was presented Smith by Major General Van H. Bond, commanding general, XXI US Army Corps, Indiantown Gap, Pennsylvania in ceremonies at Fort Lee.

The senior Smith is in Y-12's Electrical Engineering Department.



**ENCAPSULATED IN PLASTIC** is the Big-I Gemini blood device container . . . also designed and fabricated in Y-12. Project director M. A. Bender, ORNL Biology Division, reports the mechanical success of all the operations of Big-I.



*Katy Kutkost*  
**SEZ:**

A memo was put out by Leonard Whitten of the Dimensional Inspection Department stating: One month has gone by without a security violation.

You might say, "Big Deal—So What?"

So this — Inspection is involved in more classified "traffic" than almost any other department. Their security record in the past has been not exactly spotless—and the fact that a month went by without writing an "oops" letter called for bragging.

Besides, like Dizzy Dean sez—"If it's true it ain't braggin'."

Len added a finishing gem: "Now that we have proved it

## Space Device

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 donors, they had to be drawn just a few hours before launch time at the Cape.

The mobile biological laboratory was modified in Y-12 under the direction of W. T. Smith. Equipment installation was performed in the Maintenance Division.

While our interest is always high in space shots, it was particularly keen during the Gemini launching. Getting word of the "unqualified success" of the blood unit is particularly gratifying as well.

is possible to operate at all without violations, let us try for distance."

**MESS CALL**—The battle cry of feed'um.



**THE BRONZE STAR IS PINNED** on Captain James L. Smith, left, by Major General Van H. Bond, commanding general, XXI US Army Corps. Captain Smith is the son of J. L. Smith, Electrical Engineering, and was cited for his outstanding meritorious service in Vietnam.